

# SCORE Search Results Details for Application 10516759 and Search Result 20100524\_155605\_us-10-516-759a-16\_copy\_2\_139.ra

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
<a href="#">Page</a>	<a href="#">List</a>	<a href="#">Overview</a>	<a href="#">FAQ</a>	<a href="#">Suggestions</a>

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OM protein - protein search, using sw model

Run on: May 24, 2010, 18:50:12 ; Search time 76 Seconds  
(without alignments)  
507.820 Million cell updates/sec

Title: US-10-516-759A-16\_COPY\_2\_139  
Perfect score: 768  
Sequence: 1 VCVASCPHNFVVDQTSVCRA.....PPMHNFVSFVSNLTTIGGRS 138

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1668452 seqs, 279819459 residues

Total number of hits satisfying chosen parameters: 1668452

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_AA:\*  
1: /ABSS/Data/CRF/ptodata/2/iaa/5\_COMB.pep:\*  
2: /ABSS/Data/CRF/ptodata/2/iaa/6\_COMB.pep:\*  
3: /ABSS/Data/CRF/ptodata/2/iaa/7\_COMB.pep:\*  
4: /ABSS/Data/CRF/ptodata/2/iaa/H\_COMB.pep:\*  
5: /ABSS/Data/CRF/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /ABSS/Data/CRF/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /ABSS/Data/CRF/ptodata/2/iaa/backfiles1.pep:\*

## SUMMARIES

Result		Query				Description
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1	768	100.0	534	3	US-10-159-353B-6	Sequence 6, Appli

2	768	100.0	534	3	US-12-018-610-6	Sequence 6, Appli
3	768	100.0	534	3	US-12-018-515B-6	Sequence 6, Appli
4	768	100.0	534	3	US-12-144-166-6	Sequence 6, Appli
5	768	100.0	562	3	US-10-159-353B-2	Sequence 2, Appli
6	768	100.0	562	3	US-12-018-610-2	Sequence 2, Appli
7	768	100.0	562	3	US-12-018-515B-2	Sequence 2, Appli
8	768	100.0	562	3	US-12-144-166-2	Sequence 2, Appli
9	768	100.0	624	3	US-11-209-187-3	Sequence 3, Appli
10	768	100.0	1342	1	US-07-978-895-4	Sequence 4, Appli
11	768	100.0	1342	1	US-08-484-438-9	Sequence 9, Appli
12	768	100.0	1342	1	US-08-473-119-4	Sequence 4, Appli
13	768	100.0	1342	1	US-08-475-352-4	Sequence 4, Appli
14	768	100.0	1342	2	US-09-170-699-4	Sequence 4, Appli
15	768	100.0	1342	3	US-10-207-498-2	Sequence 2, Appli
16	768	100.0	1342	3	US-11-406-679-2	Sequence 2, Appli
17	768	100.0	1342	3	US-10-503-486-6	Sequence 6, Appli
18	768	100.0	1342	3	US-10-563-888A-2	Sequence 2, Appli
19	768	100.0	1360	2	US-09-949-016-8022	Sequence 8022, Ap
20	757.5	98.6	1343	7	5183884-4	Patent No. 5183884
21	565	73.6	615	3	US-10-362-380-4	Sequence 4, Appli
22	565	73.6	626	3	US-11-209-187-4	Sequence 4, Appli
23	565	73.6	911	1	US-08-484-438-10	Sequence 10, Appl
24	565	73.6	1058	1	US-08-484-438-4	Sequence 4, Appli
25	565	73.6	1308	1	US-08-484-438-2	Sequence 2, Appli
26	565	73.6	1308	3	US-10-394-322A-18	Sequence 18, Appl
27	565	73.6	1308	3	US-10-362-380-2	Sequence 2, Appli
28	565	73.6	1308	3	US-10-503-486-7	Sequence 7, Appli
29	479	62.4	400	3	US-10-159-353B-8	Sequence 8, Appli
30	479	62.4	400	3	US-12-018-610-8	Sequence 8, Appli
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32	479	62.4	400	3	US-12-144-166-8	Sequence 8, Appli
33	316.5	41.2	478	2	US-09-570-454-2	Sequence 2, Appli
34	316.5	41.2	478	2	US-09-867-521-2	Sequence 2, Appli
35	316.5	41.2	478	3	US-10-302-868B-2	Sequence 2, Appli
36	316.5	41.2	621	3	US-11-209-187-1	Sequence 1, Appli
37	316.5	41.2	621	3	US-11-431-820A-1	Sequence 1, Appli
38	316.5	41.2	633	3	US-10-503-486-1	Sequence 1, Appli
39	316.5	41.2	644	1	US-08-336-708A-9	Sequence 9, Appli
40	316.5	41.2	657	3	US-11-878-050-436	Sequence 436, App
41	316.5	41.2	705	3	US-11-878-050-437	Sequence 437, App
42	316.5	41.2	1186	3	US-10-877-773A-134	Sequence 134, App
43	316.5	41.2	1210	1	US-08-484-438-7	Sequence 7, Appli
44	316.5	41.2	1210	1	US-08-475-035-4	Sequence 4, Appli
45	316.5	41.2	1210	2	US-09-715-249-2	Sequence 2, Appli

## ALIGNMENTS

## RESULT 1

US-10-159-353B-6

; Sequence 6, Application US/10159353B

; Patent No. 7390632

; GENERAL INFORMATION:

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; APPLICANT: Maihle, Nita
; APPLICANT: Lee, Hakjoo
; TITLE OF INVENTION: System and Method to Inhibit Heregulin Activated Processes and
; TITLE OF INVENTION: Other Methods Using Soluble ErbB3 and Method to Produce Soluble
; TITLE OF INVENTION: ErbB3
; FILE REFERENCE: 01-03Maihle
; CURRENT APPLICATION NUMBER: US/10/159,353B
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US 09/676,380
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
;   LENGTH: 534
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-159-353B-6

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Query Match          100.0%; Score 768; DB 3; Length 534;
Best Local Similarity 100.0%;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      285 VCVASCPHNFVVDQTSCVRACPPDKMEVDKNGLMCEPCGGLCPKACEGTGSGSRFQTV D 344

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      |||
Db      345 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 404

Qy      121 HMFHNSVFSNLTTIGGRS 138
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Db      405 HMFHNSVFSNLTTIGGRS 422

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## RESULT 2

US-12-018-610-6

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; Sequence 6, Application US/12018610
; Patent No. 7612042
; GENERAL INFORMATION:
; APPLICANT: Maihle, Nita
; APPLICANT: Lee, Hakjoo
; TITLE OF INVENTION: System and Method to Inhibit Heregulin Activated Processes and
; TITLE OF INVENTION: Other Methods Using Soluble ErbB3 and Method to Produce Soluble
; TITLE OF INVENTION: ErbB3
; FILE REFERENCE: 01-03Maihle
; CURRENT APPLICATION NUMBER: US/12/018,610
; CURRENT FILING DATE: 2008-01-23
; PRIOR APPLICATION NUMBER: US/10/159,353B
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US 09/676,380
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.2

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; SEQ ID NO 6  
 ; LENGTH: 534  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-12-018-610-6

Query Match 100.0%; Score 768; DB 3; Length 534;  
 Best Local Similarity 100.0%;  
 Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      121 HMHNFVSFNSLTTIGGRS 138
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Db      405 HMHNFVSFNSLTTIGGRS 422
  
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## RESULT 3

US-12-018-515B-6  
 ; Sequence 6, Application US/12018515B  
 ; Patent No. 7638302  
 ; GENERAL INFORMATION  
 ; APPLICANT: Maihle, Nita  
 ; TITLE OF INVENTION: Soluble ErbB3 Receptor Isoforms  
 ; FILE REFERENCE: 07-273 CONT  
 ; CURRENT APPLICATION NUMBER: US/12/018,515B  
 ; CURRENT FILING DATE: 2009-02-27  
 ; PRIOR APPLICATION NUMBER: US 10/159,353  
 ; PRIOR FILING DATE: 2002-05-31  
 ; NUMBER OF SEQ ID NOS: 8  
 ; SOFTWARE: PatentIn version 3.4  
 ; SEQ ID NO 6  
 ; LENGTH: 534  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-12-018-515B-6

Query Match 100.0%; Score 768; DB 3; Length 534;  
 Best Local Similarity 100.0%;  
 Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 121 HMHNFSVFSNLTTIGGRS 138  
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 Db 405 HMHNFSVFSNLTTIGGRS 422

## RESULT 4

US-12-144-166-6

; Sequence 6, Application US/12144166

; Patent No. 7638303

; GENERAL INFORMATION:

; APPLICANT: Maihle, Nita

; APPLICANT: Lee, Hakjoo

; TITLE OF INVENTION: System and Method to Inhibit Heregulin Activated Processes and

; TITLE OF INVENTION: Other Methods Using Soluble ErbB3 and Method to Produce Soluble

; TITLE OF INVENTION: ErbB3

; FILE REFERENCE: 01-03Maihle

; CURRENT APPLICATION NUMBER: US/12/144,166

; CURRENT FILING DATE: 2008-06-23

; PRIOR APPLICATION NUMBER: US/10/159,353B

; PRIOR FILING DATE: 2002-05-31

; PRIOR APPLICATION NUMBER: US 09/676,380

; PRIOR FILING DATE: 2000-09-29

; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 6

; LENGTH: 534

; TYPE: PRT

; ORGANISM: Homo sapiens

US-12-144-166-6

Query Match 100.0%; Score 768; DB 3; Length 534;

Best Local Similarity 100.0%;

Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 120  
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 Db 345 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 404

Qy 121 HMHNFSVFSNLTTIGGRS 138  
 |||  
 Db 405 HMHNFSVFSNLTTIGGRS 422

## RESULT 5

US-10-159-353B-2

; Sequence 2, Application US/10159353B

; Patent No. 7390632

; GENERAL INFORMATION:

; APPLICANT: Maihle, Nita

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; APPLICANT: Lee, Hakjoo
; TITLE OF INVENTION: System and Method to Inhibit Heregulin Activated Processes and
; TITLE OF INVENTION: Other Methods Using Soluble ErbB3 and Method to Produce Soluble
; TITLE OF INVENTION: ErbB3
; FILE REFERENCE: 01-03Maihle
; CURRENT APPLICATION NUMBER: US/10/159,353B
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US 09/676,380
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 562
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-159-353B-2

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Query Match          100.0%; Score 768; DB 3; Length 562;
Best Local Similarity 100.0%;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      121 HMHNFVSFVSNLTTIGGRS 138
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Db      405 HMHNFVSFVSNLTTIGGRS 422

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## RESULT 6

US-12-018-610-2

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; Sequence 2, Application US/12018610
; Patent No. 7612042
; GENERAL INFORMATION:
; APPLICANT: Maihle, Nita
; APPLICANT: Lee, Hakjoo
; TITLE OF INVENTION: System and Method to Inhibit Heregulin Activated Processes and
; TITLE OF INVENTION: Other Methods Using Soluble ErbB3 and Method to Produce Soluble
; TITLE OF INVENTION: ErbB3
; FILE REFERENCE: 01-03Maihle
; CURRENT APPLICATION NUMBER: US/12/018,610
; CURRENT FILING DATE: 2008-01-23
; PRIOR APPLICATION NUMBER: US/10/159,353B
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US 09/676,380
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2

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Qy      121  HMHNFSVFSNLTTIGGRS 138
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Db      405  HMHNFSVFSNLTTIGGRS 422

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## RESULT 8

US-12-144-166-2

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; Sequence 2, Application US/12144166
; Patent No. 7638303
; GENERAL INFORMATION:
; APPLICANT: Maihle, Nita
; APPLICANT: Lee, Hakjoo
; TITLE OF INVENTION: System and Method to Inhibit Heregulin Activated Processes and
; TITLE OF INVENTION: Other Methods Using Soluble ErbB3 and Method to Produce Soluble
; TITLE OF INVENTION: ErbB3
; FILE REFERENCE: 01-03Maihle
; CURRENT APPLICATION NUMBER: US/12/144,166
; CURRENT FILING DATE: 2008-06-23
; PRIOR APPLICATION NUMBER: US/10/159,353B
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US 09/676,380
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 562
; TYPE: PRT
; ORGANISM: Homo sapiens
US-12-144-166-2

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Query Match      100.0%; Score 768; DB 3; Length 562;
Best Local Similarity 100.0%;
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Qy      121  HMHNFSVFSNLTTIGGRS 138
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Db      405  HMHNFSVFSNLTTIGGRS 422

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## RESULT 9

US-11-209-187-3

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; Sequence 3, Application US/11209187
; Patent No. 7449559
; GENERAL INFORMATION:
; APPLICANT: CSIRO Molecular and Health Technologies
; TITLE OF INVENTION: Truncated EGF Receptor

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; FILE REFERENCE: 502897
; CURRENT APPLICATION NUMBER: US/11/209,187
; CURRENT FILING DATE: 2007-08-08
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 624
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-209-187-3

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Best Local Similarity 100.0%;
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Qy      61 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 120
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Db      326 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 385
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Qy      121 HMHNFSVFSNLTTIGGRS 138
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Db      386 HMHNFSVFSNLTTIGGRS 403
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## RESULT 10

US-07-978-895-4

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; Sequence 4, Application US/07978895
; Patent No. 5480968
; GENERAL INFORMATION:
; APPLICANT: Kraus, Matthias H.
; APPLICANT: Aaronson, Stuart A.
; TITLE OF INVENTION: AN ISOLATED POLYPEPTIDE RELATED TO THE
; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THERETO, AND
; TITLE OF INVENTION: BIOASSAYS AND METHODS RELATED THERETO
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Suite 400
; STREET: 133 Carnegie Way, N.W.
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: U.S.A.
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/978,895
; FILING DATE: 19921110

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; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/444,406
; FILING DATE: 01-DEC-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Perryman, David G.
; REGISTRATION NUMBER: 33,438
; REFERENCE/DOCKET NUMBER: 1414-028
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 688-0770
; TELEFAX: (404) 688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1342 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-978-895-4

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Query Match 100.0%; Score 768; DB 1; Length 1342;  
 Best Local Similarity 100.0%;  
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Db      345 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 404

Qy      121 HMHNFVSFNSLTTIGGRS 138
      ||||||||||||||||
Db      405 HMHNFVSFNSLTTIGGRS 422

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## RESULT 11

US-08-484-438-9

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; Sequence 9, Application US/08484438
; Patent No. 5811098
; Patent No. 5811098 5780031
; GENERAL INFORMATION:
; APPLICANT: Plowman, Gregory D.
; APPLICANT: Culouscou, Jean-Michel
; APPLICANT: Shoyab, Mohammed
; APPLICANT: Siegall, Clay B.
; APPLICANT: Hellstr m, Ingegerd
; APPLICANT: Hellstr m, Karl E.
; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York

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;      STATE:  New York
;      COUNTRY:  U.S.A.
;      ZIP:  10036-2711
;  COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;  CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/484,438
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  530
;  PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/323,442
;      FILING DATE:  14-OCT-1994
;      APPLICATION NUMBER:  US 08/150,704
;      FILING DATE:  10-NOV-1993
;      CLASSIFICATION:  530
;  PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/981,165
;      FILING DATE:  24-NOV-1992
;      CLASSIFICATION:  530
;  ATTORNEY/AGENT INFORMATION:
;      NAME:  Misrock, S. Leslie
;      REGISTRATION NUMBER:  18,872
;      REFERENCE/DOCKET NUMBER:  5624-230
;  TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 790-9090
;      TELEFAX:  (212) 869-8864/9741
;      TELEX:  66141 PENNIE
;  INFORMATION FOR SEQ ID NO:  9:
;      SEQUENCE CHARACTERISTICS:
;          LENGTH:  1342 amino acids
;          TYPE:  amino acid
;          STRANDEDNESS:  unknown
;          TOPOLOGY:  unknown
;      MOLECULE TYPE:  protein
US-08-484-438-9

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Query Match          100.0%; Score 768; DB 1; Length 1342;
Best Local Similarity 100.0%;
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1  VCVASCPHNFVVDQTSVCVRACPPDKMEVDKNGLKMCEPCGGLCPKACEGTGSGSRFQTVD 60
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Db      285 VCVASCPHNFVVDQTSVCVRACPPDKMEVDKNGLKMCEPCGGLCPKACEGTGSGSRFQTVD 344

Qy      61  SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 120
      ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      345 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 404

Qy      121 HMHNFVSFVSNLTTIGGRS 138
      ||||||||||||||||
Db      405 HMHNFVSFVSNLTTIGGRS 422

```

## RESULT 12

US-08-473-119-4

; Sequence 4, Application US/08473119

; Patent No. 5820859

; GENERAL INFORMATION:

; APPLICANT: Kraus, Matthias H.

; APPLICANT: Aaronson, Stuart A.

; TITLE OF INVENTION: AN ISOLATED POLYPEPTIDE RELATED TO THE

; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THERETO, AND

; TITLE OF INVENTION: BIOASSAYS AND METHODS RELATED THERETO

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Suite 400

; STREET: 133 Carnegie Way, N.W.

; CITY: Atlanta

; STATE: Georgia

; COUNTRY: U.S.A.

; ZIP: 30303

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/473,119

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/978,895

; FILING DATE: 10-NOV-1992

; APPLICATION NUMBER: US 07/444,406

; FILING DATE: 01-DEC-1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Perryman, David G.

; REGISTRATION NUMBER: 33,438

; REFERENCE/DOCKET NUMBER: 1414-028

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (404) 688-0770

; TELEFAX: (404) 688-9880

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1342 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-473-119-4

Query Match 100.0%; Score 768; DB 1; Length 1342;

Best Local Similarity 100.0%;

Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VCVASCPHFVVDQTSVCVRACPPDKMEVDKNGLMCEPCGGLCPKACEGTGSGSRFQTV D 60

```

|||||
Db      285 VCVASCPHNFVVDQTSQVRACPPDKMEVDKNGLMCEPCGGLCPKACEGTGSGSRFQTVD 344
Qy      61 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 120
|||||
Db      345 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 404
Qy      121 HMHNFVSFVSNLTTIGGRS 138
|||||
Db      405 HMHNFVSFVSNLTTIGGRS 422

```

## RESULT 13

US-08-475-352-4

; Sequence 4, Application US/08475352

; Patent No. 5916755

; GENERAL INFORMATION:

; APPLICANT: Kraus, Matthias H.

; APPLICANT: Aaronson, Stuart A.

; TITLE OF INVENTION: AN ISOLATED POLYPEPTIDE RELATED TO THE

; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THERETO, AND

; TITLE OF INVENTION: BIOASSAYS AND METHODS RELATED THERETO

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Suite 400

; STREET: 133 Carnegie Way, N.W.

; CITY: Atlanta

; STATE: Georgia

; COUNTRY: U.S.A.

; ZIP: 30303

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/475,352

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/978,895

; FILING DATE:

; APPLICATION NUMBER: US 07/444,406

; FILING DATE: 01-DEC-1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Perryman, David G.

; REGISTRATION NUMBER: 33,438

; REFERENCE/DOCKET NUMBER: 1414-028

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (404) 688-0770

; TELEFAX: (404) 688-9880

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1342 amino acids

; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-475-352-4

Query Match 100.0%; Score 768; DB 1; Length 1342;  
Best Local Similarity 100.0%;  
Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VCVASCPHNFVVDQTSCVRACPPDKMEVDKNGLMCEPCGGLCPKACEGTGSGSRFQTVD 60  
|  
Db 285 VCVASCPHNFVVDQTSCVRACPPDKMEVDKNGLMCEPCGGLCPKACEGTGSGSRFQTVD 344  
  
Qy 61 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 120  
|  
Db 345 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 404  
  
Qy 121 HMHNFSVFSNLTTIGGRS 138  
|  
Db 405 HMHNFSVFSNLTTIGGRS 422

RESULT 14  
US-09-170-699-4  
; Sequence 4, Application US/09170699  
; Patent No. 6639060  
; GENERAL INFORMATION:  
; APPLICANT: Kraus, Matthias H.  
; APPLICANT: Aaronson, Stuart A.  
; TITLE OF INVENTION: AN ISOLATED POLYPEPTIDE RELATED TO THE  
; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THERETO, AND  
; TITLE OF INVENTION: BIOASSAYS AND METHODS RELATED THERETO  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Suite 400  
; STREET: 133 Carnegie Way, N.W.  
; CITY: Atlanta  
; STATE: Georgia  
; COUNTRY: U.S.A.  
; ZIP: 30303  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/170,699  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/978,895  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Perryman, David G.

```

;   REGISTRATION NUMBER: 33,438
;   REFERENCE/DOCKET NUMBER: 1414-028
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (404) 688-0770
;   TELEFAX: (404) 688-9880
;   INFORMATION FOR SEQ ID NO: 4:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 1342 amino acids
;   TYPE: amino acid
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
US-09-170-699-4

```

Query Match 100.0%; Score 768; DB 2; Length 1342;  
 Best Local Similarity 100.0%;  
 Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 VCVASCPHNFVVDQTSCVRACPPDKMEVDKNGLKMCEPCGGGLCPKACEGTGSGSRFQTV D 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      285 VCVASCPHNFVVDQTSCVRACPPDKMEVDKNGLKMCEPCGGGLCPKACEGTGSGSRFQTV D 344

Qy      61 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      345 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 404

Qy      121 HMHNFVSFVSNLTTIGGRS 138
          ||||||||||||||||
Db      405 HMHNFVSFVSNLTTIGGRS 422

```

## RESULT 15

US-10-207-498-2

```

; Sequence 2, Application US/10207498
; Patent No. 7125680
; GENERAL INFORMATION:
; APPLICANT: Elizabeth Singer
; APPLICANT: Ralf Landgraf
; APPLICANT: Dennis J. Slamon
; APPLICANT: David Eisenberg
; TITLE OF INVENTION: METHODS AND MATERIALS FOR CHARACTERIZING
; TITLE OF INVENTION: AND MODULATING INTERACTIONS BETWEEN HERGULIN AND HER3
; FILE REFERENCE: 30448.103-US-U1
; CURRENT APPLICATION NUMBER: US/10/207,498
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 60/308,431
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 1342
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-498-2

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Query Match 100.0%; Score 768; DB 3; Length 1342;  
 Best Local Similarity 100.0%;  
 Matches 138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 VCVASCPHNFVVDQTSCVRACPPDKMEVDKNGLMCEPCGGLCPKACEGTGSGSRFQTVD 60
      |||
Db      285 VCVASCPHNFVVDQTSCVRACPPDKMEVDKNGLMCEPCGGLCPKACEGTGSGSRFQTVD 344

Qy      61 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 120
      |||
Db      345 SSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPP 404

Qy      121 HMFHNSVFSNLTTIGGRS 138
      |||
Db      405 HMFHNSVFSNLTTIGGRS 422
    
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SCORE 3/4